

AUTHOR INDEX

- Abate, A., *see* Kategille, J.A. et al.
- Abdullah, N. and Hutagalung, R.I. (Selangor, Malaysia)
 Rumen fermentation, urease activity and performance of cattle given palm kernel cake-based diet 79
- Adamu, A.M., Russell, J.R. and Trenkle, A. (Ames, IA, U.S.A.)
 Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle 241
- Adegbola, A.A., *see* Smith, O.B. et al.
- Aluyi, H.S.A., *see* Aregheore, E.M. et al.
- Alzueta, C., *see* González, G. et al.
- Åman, P., *see* Pettersson, D. and Åman, P.
- Aregheore, E.M., Job, T.A. (Ibadan, Nigeria) and Aluyi, H.S.A. (Warri, Nigeria)
 The maize replacement value of cassava flour in rations for growing ewe lambs 233
- Ashbell, G., *see* Weinberg, Z.G. et al.
- Asplund, J.M., *see* Bowman, J.G.P. and Asplund, J.M.
- Aufrère, J. and Michalet-Doreau, B. (Ceyrat, France)
 Comparison of methods for predicting digestibility of feeds 203
- Babatunde, G.M. (Ibadan, Nigeria) and Pond, W.G. (Clay Center, NE, U.S.A.)
 Nutritive value of Nigerian rubber seed (*Hevea brasiliensis*) meal and oil. III.
 Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein 125
- Barro, C., *see* González, G. et al.
- Barry, J.L., *see* Cherbut, C. et al.
- Barton, F.E., *see* Coelho, M. et al.
- Bowman, J.G.P. and Asplund, J.M. (Columbia, MO, U.S.A.)
 Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep 19
 Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea 33
- Capper, A.L. (Cambridge, Gt. Britain)
 Fungal contamination of hydroponic forage 163
- Carré, B., *see* Lacassagne, L. et al.
- Castaing, J., *see* Gatel, F. et al.
- Chandrasekaran, D., *see* Subramanian, P.R. et al.
- Cherbut, C., Barry, J.L., Wyers, M. and Delort-Laval, J. (Nantes, France)
 Effect of the nature of dietary fibre on transit time and faecal excretion in the growing pig 327
- Christison, G.I., *see* Mandell, I.B. et al.
- Coelho, M., Hembry, F.G., Saxton, A.M. (Baton Rouge, LA, U.S.A.) and Barton, F.E. (Athens, GA, U.S.A.)
 A comparison of microbial, enzymatic, chemical and near-infrared reflectance spectroscopy methods in forage evaluation 219
- Cohen, O., *see* Silanikove, N. et al.
- Coxworth, E.C., *see* Mandell, I.B. et al.
- De Groote, G., *see* Huyghebaert, G. et al.
- Delort-Laval, J., *see* Cherbut, C. et al.
- De Munter, G., *see* Huyghebaert, G. et al.
- Dinter, B., *see* Weinberg, Z.G. et al.

- Fetuga, B.L.A., *see* Ikurior, S.A. and Fetuga, B.L.A.
- Francesch, M., *see* Lacassagne, L. et al.
- Gatel, F. (Vendôme, France), Grosjean, F. (Paris, France) and Castaing, J. (Serres Castet, France)
Feeding value of ensiled high-moisture maize grain with cob for growing-finishing pigs ... 145
- Giouzeljannis, A., *see* Karalazos, A. and Giouzeljannis, A.
- González, G., Alzueta, C., Barro, C. and Salvador, A. (Madrid, Spain)
Yield and composition of protein concentrate press cake, green juice and solubles concentrate from wet fractionation of *Sophora, japonica* L. foliage 177
- Grosjean, F., *see* Gatel, F. et al.
- Hembry, F.G., *see* Coelho, M. et al.
- Huhtanen, P. (Helsinki, Finland)
The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet 259
- Hutagalung, R.I., *see* Abdullah, N. and Hutagalung, R.I.
- Huyghebaert, G., de Munter, G. and de Groote, G. (Merelbeke, Belgium)
The metabolisable energy (AME_n) of fats for broilers in relation to their chemical composition 45
- Ikurior, S.A. (Vom, Nigeria) and Fetuga, B.L.A. (Ibadan, Nigeria)
Chemical and biological evaluation of Nigerian cottonseed meal protein quality 251
- Job, T.A., *see* Aregheore, E.M. et al.
- Kabajia, E. and Smith, O.B. (Ile-Ife, Nigeria)
The effect of age of regrowth on content and release of manganese, iron, zinc and copper from four tropical forages incubated in sacco in rumen of sheep 171
- Kadirvel, R., *see* Subramanian, P.R. et al.
- Karalazos, A. and Giouzeljannis, A. (Giannitsa, Greece)
A note on the use of sugar-beet pulp silage and molasses in the diet of lactating dairy cows 13
- Kategile, J.A., Mngulwi, J.G.J. (Morogoro, Tanzania) Abate, A. (Nairobi, Kenya)
Net energy for gain (NE_{gain}) of cassava tops 97
- Kipnis, T., *see* Silanikove, N. et al.
- Kugenheim, Y., *see* Silanikove, N. et al.
- Lacassagne, L., Carré, B. (Monnaie, France), Francesch, M. (Tarragona, Spain) and Melcion, J.P. (Nantes, France)
Utilization of tannin-containing and tannin-free faba beans (*Vicia faba*) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility 59
- Lall, D., *see* Makkar, H.P.S. et al.
- Lemerle, C., *see* Moran, J.B. et al.
- Levanon, D., *see* Silanikove, N. et al.
- Lizama, L.C., Marion, J.E. and McDowell, L.R. (Gainesville, FL, U.S.A.)
Utilization of aquatic plants *Elodea canadensis* and *Hydrilla verticillata* in broiler chick diets 155
- Madacsi, J.P., Parrish, F.W. (New Orleans, LA, U.S.A.) and McNaughton, J.L. (Mississippi State, MS, U.S.A.)
Treatment of low-tannin sorghum grain for broiler feed 69
- Makkar, H.P.S., Lall, D. and Negi, S.S. (Palampur, India)
Complexes of urea and formaldehyde as non-protein nitrogen compounds in ruminant rations: a review 1
- Mandell, I.B., Christison, G.I., Nicholson, H.H. and Coxworth, E.C. (Saskatoon, Sask., Canada)
The effect of variation in the water content of wheat straw before ammoniation on its nutritive value for beef cattle 111

- Marion, J.E., *see* Lizama, L.C. et al.
 McDowell, L.R., *see* Lizama, L.C. et al.
 McNaughton, J.L., *see* Madacsi, J.P. et al.
 Melcion, J.P. *see* Lacassagne, L. et al.
 Michalet-Doreau, B., *see* Aufrère, J. and Michalet-Doreau, B.
 Mngulwi, J.G.J., *see* Kategile, J.A. et al.
 Moran, J.B., Lemerle, C. and Trigg, T.E. (Kyabram, Vic., Australia)
 The intake and digestion of maize silage-based diets by dairy cows and sheep 299
 Negi, S.S., *see* Makkar, H.P.S. et al.
 Nes, I.F., *see* Skrede, A. and Nes, I.F.
 Nicholson, H.H., *see* Mandell, I.B. et al.
 Onwudike, (Ile-Ife, Nigeria)
 Palm Kernel meal as a feed for poultry. 4. Use of palm kernel meal by laying birds 279
 Osafo, E.L.K., *see* Smith, O.B. et al.
 Pahlow, G., *see* Weinberg, Z.G. et al.
 Parrish, F.W., *see* Madacsi, J.P. et al.
 Pettersson, D. and Åman, P. (Uppsala, Sweden)
 Effects of enzyme supplementation of diets based on wheat, rye or triticale on their
 productive value for broiler chickens 313
 Pond, W.G., *see* Babatunde, G.M. et al.
 Roberts, D.J. (Dumfries, Gt. Britain)
 The substitution of grass silage by a straw and concentrate mixture for dairy cows 135
 Russell, J.R., *see* Adamu, A.M. et al.
 Salvador, A., *see* González, G. et al.
 Saxton, A.M., *see* Coelho, M. et al.
 Silanikove, N. (Kiryat Shmona, Israel), Cohen, O., Kugenheim, Y. (Tel Aviv, Israel),
 Levanon, D. and Kipnis, T. (Bet Dagan, Israel)
 Preservation and storage of green panic (*Panicum maximum*) as moist hay with urea 87
 Skrede, A. and Nes, I.F. (Ås-NLH, Norway)
 Slaughterhouse by-products preserved by *Lactobacillus plantarum* fermentation as feed
 for mink and foxes 287
 Smith, O.B., Osafo, E.L.K. and Adegbola, A.A. (Ile-Ife, Nigeria)
 Studies on the feeding value of agro-industrial by-products: strategies for improving the
 utilisation of cocoa-pod-based diets by ruminants 189
 Smith, O.B., *see* Kabaija, E. and Smith, O.B.
 Subramanian, P.R., Kadirvel, R., Viswanathan, K. and Chandrasekaran, D. (Madras,
 India)
 In vitro studies and short-term feeding trial in lambs to evaluate plantain sheath (*Musa
 sapientum*) as a feed for ruminants 343
 Trenkle, A., *see* Adamu, A.M. et al.
 Trigg, T.E., *see* Moran, J.B. et al.
 Viswanathan, K., *see* Subramanian, P.R. et al.
 Weinberg, Z.G., Ashbell, G., (Bet Dagan, Israel), Pahlow, G. and Dinter, B. (Braunschweig,
 F.R.G.)
 The effect of treatment with urea, sorbic acid, or dehydration on orange peel silage 335
 Wyers, M., *see* Cherbut, C. et al.
 Wyss, U. and Bickel, H. (Zürich, Switzerland)
 Ripe beans of *Canavalia ensiformis* (jackbean) as feed ingredient for monogastric
 animals 325

SUBJECT INDEX

Abomasum

- Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea 33

Ammonia

- The effect of variation in the water content of wheat straw before ammoniation on its nutritive value for beef cattle 111

Barley

- The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet 259

By-products

- Slaughterhouse by-products preserved by *Lactobacillus plantarum* fermentation as feed for mink and foxes 287
- Studies on the feeding value of agro-industrial by-products: strategies for improving the utilisation of cocoa-pod-based diets by ruminants 189

Casein

- Nutritive value of Nigerian rubber seed (*Hevea brasiliensis*) meal and oil. III. Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein 125

Cassava

- Net energy for gain (NE_{gain}) of cassava tops 97
- The maize replacement value of cassava flour in rations for growing ewe lambs 233

Cattle

- A note on the use of sugar-beet pulp silage and molasses in the diet of lactating dairy cows 13
- Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle 241
- Rumen fermentation urease activity and performance of cattle given palm kernel cake-based diet 79
- The effect of variation in the water content of wheat straw before ammoniation on its nutritive value for beef cattle 111
- The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet 259
- The intake and digestion of maize silage-based diets by dairy cows and sheep 299
- The substitution of grass silage by a straw and concentrate mixture for dairy cows 135

Caucasian bluestem

- Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep 19
- Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea 33

Chicken

- Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens 313
- Palm kernel meal as a feed for poultry. 4. Use of palm kernel meal by laying birds 279
- The metabolisable energy (AME_n) of fats for broilers in relation to their chemical composition 45
- Treatment of low-tannin sorghum grain for broiler feed 69
- Utilization of aquatic plants *Elodea canadensis* and *Hydrilla verticillata* in broiler chick diets 155

Utilization of tannin-containing and tannin-free faba beans (<i>Vicia faba</i>) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility	59
Cocoa	
Studies on the feeding value of agro-industrial by-products: strategies for improving the utilisation of cocoa-pod-based diets by ruminants	189
Cottonseed	
Chemical and biological evaluation of Nigerian cottonseed meal protein quality	251
Dehydration	
The effect of treatment with urea, sorbic acid, or dehydration on orange peel silage	335
Digestibility	
Comparison of methods for predicting digestibility of feeds	203
In vitro studies and short-term feeding trial in lambs to evaluate plantain sheath (<i>Musa sapientum</i>) as a feed for ruminants	343
Net energy for gain (NE_{gain}) of cassava tops	97
Ripe beans of <i>Canavalia ensiformis</i> (jackbean) as feed ingredient for monogastric animals	325
Utilization of tannin-containing and tannin-free faba beans (<i>Vicia faba</i>) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility	59
Digestion	
Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep	19
The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet	259
The intake and digestion of maize silage-based diets by dairy cows and sheep	299
<i>Elodea canadensis</i>	
Utilization of aquatic plants <i>Elodea canadensis</i> and <i>Hydrilla verticillata</i> in broiler chick diets	155
Energy	
Net energy for gain (NE_{gain}) of cassava tops	97
The metabolisable energy (AME_n) of fats for broilers in relation to their chemical composition	45
Utilization of tannin-containing and tannin-free faba beans (<i>Vicia faba</i>) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility	59
Enzymes	
Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens	313
Rumen fermentation urease activity and performance of cattle given palm kernel cake-based diet	79
Faba bean	
Utilization of tannin-containing and tannin-free faba beans (<i>Vicia faba</i>) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility	59
Faecal excretion	
Effect of the nature of dietary fibre on transit time and faecal excretion in the growing pig	327
Fat	
The metabolisable energy (AME_n) of fats for broilers in relation to their chemical composition	45
Fermentation	
Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea	33
Rumen fermentation, urease activity and performance of cattle given palm kernel cake-based diet	79

Slaughterhouse by-products preserved by <i>Lactobacillus plantarum</i> fermentation as feed for mink and foxes	287
Fibre	
Effect of the nature of dietary fibre on transit time and faecal excretion in the growing pig	327
The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet	259
Formaldehyde	
Complexes of urea and formaldehyde as non-protein nitrogen compounds in ruminant rations: a review	1
Forage	
Fungal contamination of hydroponic forage	163
The effect of age of regrowth on content and release of manganese, iron, zinc and copper from four tropical forages incubated in sacco in rumen of sheep	171
Forage evaluation	
A comparison of microbial, enzymatic, chemical and near-infrared reflectance spectroscopy methods in forage evaluation	219
Fox	
Slaughterhouse by-products preserved by <i>Lactobacillus plantarum</i> fermentation as feed for mink and foxes	287
Fungi	
Fungal contamination of hydroponic forage	163
Grass	
The substitution of grass silage by a straw and concentrate mixture for dairy cows	135
Growth	
Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens	313
Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep	19
Feeding value of ensiled high-moisture maize grain with cob for growing-finishing pigs ...	145
Nutritive value of Nigerian rubber seed (<i>Hevea brasiliensis</i>) meal and oil. III.	
Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein	125
Ripe beans of <i>Canavalia ensiformis</i> (jackbean) as feed ingredient for monogastric animals	325
Rumen fermentation urease activity and performance of cattle given palm kernel cake-based diet	79
The maize replacement value of cassava flour in rations for growing ewe lambs	233
Hay	
Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep	19
Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea	33
Preservation and storage of green panic (<i>Panicum maximum</i>) as moist hay with urea	87
<i>Hydrilla verticillata</i>	
Utilization of aquatic plants <i>Elodea canadensis</i> and <i>Hydrilla verticillata</i> in broiler chick diets	155
Hydroponic forage	
Fungal contamination of hydroponic forage	163
Intake	
Net energy for gain (NE_{gain}) of cassava tops	97

Ripe beans of <i>Canavalia ensiformis</i> (jackbean) as feed ingredient for monogastric animals	325
The intake and digestion of maize silage-based diets by dairy cows and sheep	299
Jackbean	
Ripe beans of <i>Canavalia ensiformis</i> (jackbean) as feed ingredient for monogastric animals	325
Lactic acid	
Slaughterhouse by-products preserved by <i>Lactobacillus plantarum</i> fermentation as feed for mink and foxes	287
Lucerne	
Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep	19
Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea	33
Maize	
Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle	241
Feeding value of ensiled high-moisture maize grain with cob for growing-finishing pigs ...	145
The intake and digestion of maize silage-based diets by dairy cows and sheep	299
The maize replacement value of cassava flour in rations for growing ewe lambs	233
Metals	
The effect of age of regrowth on content and release of manganese, iron, zinc and copper from four tropical forages incubated in sacco in rumen of sheep	171
Mink	
Slaughterhouse by-products preserved by <i>Lactobacillus plantarum</i> fermentation as feed for mink and foxes	287
Molasses	
A note on the use of sugar-beet pulp silage and molasses in the diet of lactating dairy cows	13
The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet	259
Monogastric animals, general	
Ripe beans of <i>Canavalia ensiformis</i> (jackbean) as feed ingredient for monogastric animals	325
Nitrogen	
Complexes of urea and formaldehyde as non-protein nitrogen compounds in ruminant rations: a review	1
Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea	33
The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet	259
Nutritive value	
Feeding value of ensiled high-moisture maize grain with cob for growing-finishing pigs ...	145
Nutritive value of Nigerian rubber seed (<i>Hevea brasiliensis</i>) meal and oil. III.	
Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein	125
The effect of variation in the water content of wheat straw before ammoniation on its nutritive value for beef cattle	111
Orange	
The effect of treatment with urea, sorbic acid, or dehydration on orange peel silage	335

Palm kernel	
Palm kernel meal as a feed for poultry. 4. Use of palm kernel meal by laying birds	279
Rumen fermentation urease activity and performance of cattle given palm kernel cake-based diet	79
Panic, green	
Preservation and storage of green panic (<i>Panicum maximum</i>) as moist hay with urea	87
Pig	
Effect of the nature of dietary fibre on transit time and faecal excretion in the growing pig	327
Feeding value of ensiled high-moisture maize grain with cob for growing-finishing pigs ...	145
Plantain sheath	
In vitro studies and short-term feeding trial in lambs to evaluate plantain sheath (<i>Musa sapientum</i>) as a feed for ruminants	343
Preservation	
Preservation and storage of green panic (<i>Panicum maximum</i>) as moist hay with urea	87
Slaughterhouse by-products preserved by <i>Lactobacillus plantarum</i> fermentation as feed for mink and foxes	287
Protein	
Chemical and biological evaluation of Nigerian cottonseed meal protein quality	251
Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle	241
Utilization of tannin-containing and tannin-free faba beans (<i>Vicia faba</i>) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility	59
Yield and composition of protein concentrate press cake, green juice and solubles concentrate from wet fractionation of <i>Sophora japonica</i> , L. foliage	177
Rat	
Nutritive value of Nigerian rubber seed (<i>Hevea brasiliensis</i>) meal and oil. III.	
Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein	125
Ripe beans of <i>Canavalia ensiformis</i> (jackbean) as feed ingredient for monogastric animals	325
Rubber seed	
Nutritive value of Nigerian rubber seed (<i>Hevea brasiliensis</i>) meal and oil. III.	
Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein	125
Ruminal degradability	
Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle	241
Ruminants, general	
Complexes of urea and formaldehyde as non-protein nitrogen compounds in ruminant rations: a review	1
In vitro studies and short-term feeding trial in lambs to evaluate plantain sheath (<i>Musa sapientum</i>) as a feed for ruminants	343
Studies on the feeding value of agro-industrial by-products: strategies for improving the utilisation of cocoa-pod-based diets by ruminants	189
Rye	
Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens	313

Sheep

- Evaluation of mixed lucerne and caucasian bluestem hay diets fed to sheep 19
- In vitro studies and short-term feeding trial in lambs to evaluate plantain sheath (*Musa sapientum*) as a feed for ruminants 343
- Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea 33
- The effect of age of regrowth on content and release of manganese, iron, zinc and copper from four tropical forages incubated in sacco in rumen of sheep 171
- The intake and digestion of maize silage-based diets by dairy cows and sheep 299
- The maize replacement value of cassava flour in rations for growing ewe lambs 233

Silage

- A note on the use of sugar-beet pulp silage and molasses in the diet of lactating dairy cows 13
- Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle 241
- Feeding value of ensiled high-moisture maize grain with cob for growing-finishing pigs ... 145
- The effect of treatment with urea, sorbic acid, or dehydration on orange peel silage 335
- The intake and digestion of maize silage-based diets by dairy cows and sheep 299
- The substitution of grass silage by a straw and concentrate mixture for dairy cows 135

Sophora japonica

- Yield and composition of protein concentrate press cake, green juice and solubles concentrate from wet fractionation of *Sophora japonica*, L. foliage 177

Sorbic acid

- The effect of treatment with urea, sorbic acid, or dehydration on orange peel silage 335

Sorghum

- Treatment of low-tannin sorghum grain for broiler feed 69

Soya bean

- Nutritive value of Nigerian rubber seed (*Hevea brasiliensis*) meal and oil. III.
- Performance characteristics, relative organ weights, hematocrit and plasma metabolites of growing female rats fed corn diets containing rubber seed meal, soya bean meal or casein 125

Spectroscopy

- A comparison of microbial, enzymatic, chemical and near-infrared reflectance spectroscopy methods in forage evaluation 219

Storage

- Preservation and storage of green panic (*Panicum maximum*) as moist hay with urea 87

Straw, general

- The substitution of grass silage by a straw and concentrate mixture for dairy cows 135

Straw, wheat

- The effect of variation in the water content of wheat straw before ammoniation on its nutritive value for beef cattle 111

Sugar beet

- A note on the use of sugar-beet pulp silage and molasses in the diet of lactating dairy cows 13
- The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet 259

Supplementation

- Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens 313
- Effects of ruminal degradability of the protein supplement on the utilization of maize-stover silage by growing beef cattle 241

The effects of barley, unmolassed sugar-beet pulp and molasses supplements on organic matter, nitrogen and fibre digestion in the rumen of cattle given a silage diet	259
Tannin	
Treatment of low-tannin sorghum grain for broiler feed	69
Utilization of tannin-containing and tannin-free faba beans (<i>Vicia faba</i>) by young chicks: effects of pelleting feeds on energy, protein and starch digestibility	59
Transit time	
Effect of the nature of dietary fibre on transit time and faecal excretion in the growing pig	327
Triticale	
Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens	313
Urea	
Complexes of urea and formaldehyde as non-protein nitrogen compounds in ruminant rations: a review	1
Nitrogen utilization, ruminal fermentation and abomasal nitrogen flow in sheep fed caucasian bluestem hay supplemented with lucerne or urea	33
Preservation and storage of green panic (<i>Panicum maximum</i>) as moist hay with urea	87
The effect of treatment with urea, sorbic acid, or dehydration on orange peel silage	335
Urease	
Rumen fermentation urease activity and performance of cattle given palm kernel cake-based diet	79
Weeds	
Utilization of aquatic plants <i>Elodea canadensis</i> and <i>Hydrilla verticillata</i> in broiler chick diets	155
Wheat	
Effects of enzyme supplementation of diets based on wheat, rye or triticale on their productive value for broiler chickens	313
The effect of variation in the water content of wheat straw before ammoniation on its nutritive value for beef cattle	111